DaimlerChrysler AG

Patent claims

1. A motor vehicle body, comprising a support structure (10) made of large-size partial modules (12, 22, 34, 44), a roof module (34) having front and rear roof columns (36, 42) being placed onto a basic module (12) approximately level with the side wall edge of the body, and the front and rear roof columns (36, 42) of the roof module (34) being connected to one another via a respectively assigned cross member (57; 62, 64), characterized in that the rear roof columns (42) are connected to one another via a supporting plate (60) of a rear parcel shelf which is stiffened by the associated cross member (62, 64).

2. The body as claimed in claim 1, characterized in that the supporting plate (60) is bounded at the front and rear ends by a respective cross member (62, 64).

3. The body as claimed in claim 1, characterized in that the basic module (12) comprises a support arrangement (66) which extends in the transverse direction of the vehicle and is closed by the supporting plate (60) of the roof module (34) to form a supporting frame.

4. The body as claimed in claim 3, characterized in that the support arrangement (66) of the basic module (12) has supports (68, 70) which run in the vertical direction of the vehicle and are connected to each other via a cross member (54) extending level with a vehicle floor (14).

5. The body as claimed in claim 5, characterized in that the supports (68, 70) of the support arrangement (66), which supports run in the vertical direction of

the vehicle, are arranged on the inside of rear wheel houses (20).

6. The body as claimed in claim 5, characterized in that the supports (68, 70) running in the vertical direction of the vehicle are connected directly to the front cross member (62) of the supporting plate (60).

7. The body as claimed in claim 1, characterized in that the supporting plate (60) are arranged at the lower end (59) of the roof columns (42) between upper side wall sections of the roof module (34).

8. The body as claimed in claim 1, characterized in that the roof module (34) ends along a vertical separating plane directly behind the supporting plate (60), with a rear module (44) adjoining the roof module (34).